

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Group Art Unit 3101 :
Examiner Blair Johnson :
In re application of :
REN JUDKINS : PLEATED AND CELLULAR
Serial No. 08/756,282 : MATERIALS AND METHOD FOR
THE MANUFACTURE THEREOF
Filed November 25, 1996 : USING A SPLITTER

DECLARATION OF LYNN J. ALSTADT

I, LYNN J. ALSTADT, hereby declares as follows:

1. I am a patent attorney registered to practice in the United States Patent and Trademark Office. I have represented Ren Judkins either as an individual or as an employee of Verosol USA since 1988. I am familiar with many of the drawings that Mr. Judkins has made of his inventions and of the manner in which he has made these drawings.

2. Shortly after February 25, 1991, and not later than May 30, 1991, Mr. Judkins showed me the drawing labeled T19 attached hereto. I understood that Mr. Judkins made this drawing during the ordinary course of his business on February 25, 1991. The drawing shows a tabbed cell and method of making that tabbed cell using a splitter that Mr. Judkins had conceived.

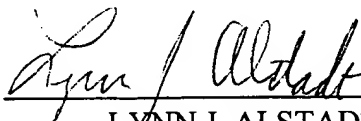
3. Mr. Judkins made a paper model of a tabbed honeycomb while in my office. He folded tablet paper and placed double sided tape between the folds. The resulting stack

looked like the stack shown in drawing T19, but with fewer folds. He or I then cut the stack with a razor blade to form a tabbed honeycomb like that shown in drawing T19. I believe that this occurred on May 30, 1991, and am confident that it occurred prior to July 26, 1991. I discarded the paper model after the meeting.

4. I know that Mr. Judkins has since 1991 been diligently seeking to have his tabbed honeycomb and splitter process commercialized. These efforts have included seeking machine builders who could manufacture a splitter machine, testing adhesives and trying to find a manufacturer of window coverings who would take a license for this product and process.

I declare that the foregoing is true and correct, that all statements made on information and belief are believed to be true, and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that any false statements may jeopardize the validity of a patent which issues from the above-identified patent application.

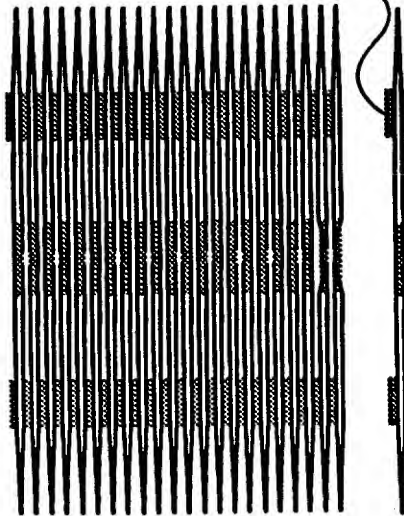
Date: January 20, 1998


LYNN J. ALSTADT

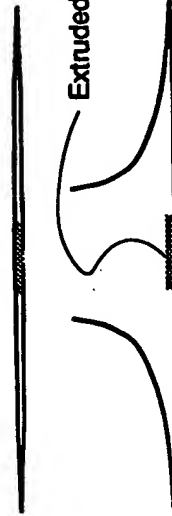
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The tab on the honeycomb is necessary as an area for the bond line, but it will also create more definition in the appearance of the product. A definite advantage especially on the window side. The tab could also serve as a point to attach another tabbed layer in a more energy conscious market (Finland). The tab needs to be at least 1/16th of an inch wide and can be much wider if needed. Cell sizes could also be much larger. The minimum size is shown.



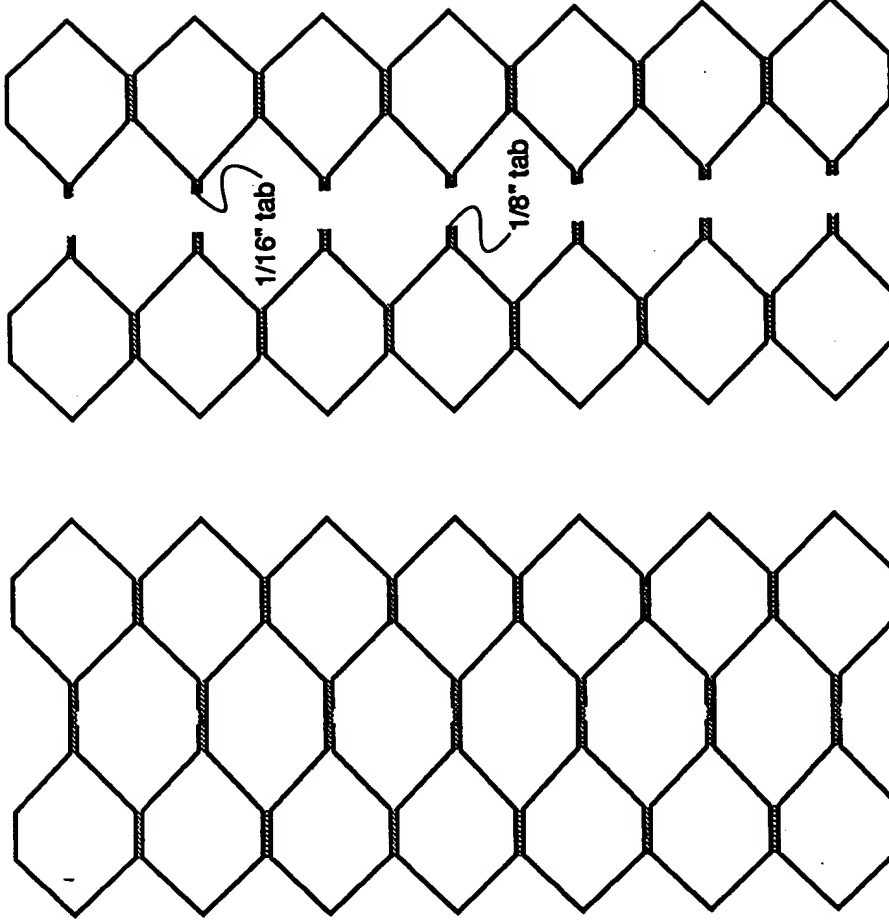
Tubes are double bonded and stacked



Tube is bonded to itself

Flat strip is folded into tube

Two Symmetrical Tabbed Honeycombs -
made simultaneously by splitting in half a triple cell honeycomb made by the strip process.



Stretched stack forms a triple cell honeycomb which might be practical for some energy conservation products or is split.

Triple cell split into two single cell honeycombs with tabs. The tabs can be any size greater than .06".

Scale: actual size

Ren Judkins & Company